

Table B3.8. Differential abundance results from rhizosphere to endosphere, independent of genotype, family level.

Family	baseMean	log2FoldChange	lfcSE	stat	pvalue	padj	Phylum
Deinococcaceae	8.67	33.91	2.42	14.04	8.88E-45	1.05E-42	Deinococcus-Thermus
Bacillaceae	325.42	5.72	0.46	12.34	5.33E-35	3.15E-33	Firmicutes
Rhizobiaceae	246.12	1.44	0.15	9.51	1.98E-21	5.85E-20	Proteobacteria
Enterobacteriaceae	22.16	8.48	0.89	9.53	1.61E-21	5.85E-20	Proteobacteria
Xanthobacteraceae	370.98	-0.80	0.14	-5.78	7.70E-09	1.82E-07	Proteobacteria
Flavobacteriaceae	66.51	2.55	0.45	5.70	1.17E-08	2.30E-07	Bacteroidetes
Sphingomonadaceae	582.24	-0.65	0.12	-5.43	5.48E-08	9.24E-07	Proteobacteria
Nitrosomonadaceae	198.30	-1.18	0.22	-5.24	1.57E-07	2.31E-06	Proteobacteria
Cellvibrionaceae	74.47	1.90	0.37	5.08	3.81E-07	5.00E-06	Proteobacteria
Methylophilaceae	146.85	2.69	0.55	4.90	9.83E-07	1.16E-05	Proteobacteria
SC-I-84	136.19	-1.04	0.22	-4.78	1.79E-06	1.92E-05	Proteobacteria
Unknown_Family	109.76	-1.33	0.31	-4.35	1.34E-05	1.32E-04	Proteobacteria
Nitrospiraceae	103.72	-1.19	0.27	-4.34	1.45E-05	1.32E-04	Nitrospirae
Nocardiodaceae	127.80	1.17	0.27	4.29	1.82E-05	1.54E-04	Actinobacteria
Halomonadaceae	5.53	5.46	1.28	4.27	1.99E-05	1.57E-04	Proteobacteria
Xanthomonadaceae	154.91	1.02	0.24	4.22	2.46E-05	1.81E-04	Proteobacteria
Pedosphaeraceae	100.90	-1.18	0.28	-4.14	3.46E-05	2.40E-04	Verrucomicrobia
cvE6	5.87	-3.21	0.80	-3.99	6.55E-05	4.29E-04	Chlamydiae
Micrococcaceae	40.20	-1.33	0.34	-3.89	9.92E-05	6.16E-04	Actinobacteria
Pirellulaceae	39.82	-1.75	0.47	-3.76	1.73E-04	1.02E-03	Planctomycetes
Kineosporiaceae	94.48	-1.30	0.35	-3.73	1.92E-04	1.08E-03	Actinobacteria
Steroidobacteraceae	107.08	-1.22	0.33	-3.68	2.29E-04	1.23E-03	Proteobacteria
Propionibacteriaceae	107.28	0.75	0.21	3.65	2.64E-04	1.36E-03	Actinobacteria
Beijerinckiaceae	69.33	-0.96	0.26	-3.61	3.03E-04	1.49E-03	Proteobacteria
Pyrinomonadaceae	39.72	-1.42	0.42	-3.40	6.70E-04	3.16E-03	Acidobacteria
Intrasporangiaceae	17.13	-1.48	0.44	-3.39	6.97E-04	3.16E-03	Actinobacteria
Mycobacteriaceae	23.19	-1.82	0.56	-3.24	1.18E-03	4.98E-03	Actinobacteria
Chromobacteriaceae	4.05	5.55	1.71	3.25	1.14E-03	4.98E-03	Proteobacteria
Desulfarculaceae	18.48	-1.29	0.40	-3.22	1.27E-03	5.17E-03	Proteobacteria
Azospirillaceae	15.59	-1.96	0.62	-3.15	1.62E-03	6.37E-03	Proteobacteria
Pseudomonadaceae	344.32	0.88	0.28	3.13	1.73E-03	6.60E-03	Proteobacteria
Micromonosporaceae	247.50	-0.56	0.19	-2.92	3.49E-03	1.29E-02	Actinobacteria
Rhodanobacteraceae	32.39	-1.03	0.36	-2.87	4.17E-03	1.49E-02	Proteobacteria
Ilumatobacteraceae	28.24	-1.33	0.48	-2.79	5.29E-03	1.78E-02	Actinobacteria
Paenibacillaceae	9.33	3.70	1.33	2.79	5.29E-03	1.78E-02	Firmicutes
Caulobacteraceae	398.63	0.30	0.11	2.60	9.25E-03	3.03E-02	Proteobacteria
Corynebacteriaceae	2.53	5.35	2.07	2.58	9.95E-03	3.17E-02	Actinobacteria
Rhizobiales	16.14	-1.47	0.58	-2.54	1.12E-02	3.48E-02	Proteobacteria
Blastocatellaceae	6.90	-2.19	0.89	-2.45	1.42E-02	4.31E-02	Acidobacteria
Opitutaceae	22.38	-1.41	0.59	-2.40	1.65E-02	4.88E-02	Verrucomicrobia

*positive log2Foldchange means an increase in the endosphere compared to the rhizosphere,
and vice versa for negative values

Class	Order
Deinococci	Deinococcales
Bacilli	Bacillales
Alphaproteobacteria	Rhizobiales
Gammaproteobacteria	Enterobacteriales
Alphaproteobacteria	Rhizobiales
Bacteroidia	Flavobacteriales
Alphaproteobacteria	Sphingomonadales
Gammaproteobacteria	Betaproteobacteriales
Gammaproteobacteria	Cellvibrionales
Gammaproteobacteria	Betaproteobacteriales
Gammaproteobacteria	Betaproteobacteriales
Gammaproteobacteria	Incertae_Sedis
Nitrospira	Nitrospirales
Actinobacteria	Propionibacteriales
Gammaproteobacteria	Oceanospirillales
Gammaproteobacteria	Xanthomonadales
Verrucomicrobiae	Pedosphaerales
Chlamydiae	Chlamydiales
Actinobacteria	Micrococcales
Planctomycetacia	Pirellulales
Actinobacteria	Kineosporiales
Gammaproteobacteria	Steroidobacterales
Actinobacteria	Propionibacteriales
Alphaproteobacteria	Rhizobiales
Blastocatellia_(Subgroup_4)	Pyrinomonadales
Actinobacteria	Micrococcales
Actinobacteria	Corynebacteriales
Gammaproteobacteria	Betaproteobacteriales
Deltaproteobacteria	Desulfarculales
Alphaproteobacteria	Azospirillales
Gammaproteobacteria	Pseudomonadales
Actinobacteria	Micromonosporales
Gammaproteobacteria	Xanthomonadales
Acidimicrobiia	Microtrichales
Bacilli	Bacillales
Alphaproteobacteria	Caulobacterales
Actinobacteria	Corynebacteriales
Alphaproteobacteria	Rhizobiales
Blastocatellia_(Subgroup_4)	Blastocatellales
Verrucomicrobiae	Opitutales